



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : CALLEN et al.) Group Art Unit: 2816
Application No.: 10/517,546)
Filed: December 10, 2004) Examiner: N/A
) Atty. Docket No. 23003-0001
)

For: A CONTROL CIRCUIT AND A METHOD FOR ELECTRICALLY CONNECTING A LOAD TO A POWER SOURCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

The following are included with this Information Disclosure Statement:

- A. PTO/SB/08**
- B. CERTIFICATION**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)
- C. \$180.00 FEE PAYMENT**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)
- D. \$180.00 PETITION, CERTIFICATION & PETITION FEE PAYMENT**
(37 C.F.R. 1.97(d)-before issue fee payment)

The following are submitted in the above-identified application in compliance with 37 CFR 1.98:

- I.** A copy of each listed U.S. Patent and U.S. Patent application publication [1.98(a)(2)(i)].
- II.** A copy of each listed foreign patent and/or published foreign patent application. For each listed foreign patent and/or published foreign patent application [1.98(a)(2)]:
 - a) the English language version or an English translation if not published in English, if available (see PTO-1449)[1.98(a)(3)]; and/or

- b) U.S. counterpart patents or English language equivalents of the foreign patents or published foreign patent applications (see PTO-1449); and/or
 - c) a concise explanation of the relevance of the listed patents, publications or other information (see PTO-1449, foreign search report or other, attached), as it is presently understood by the person signing this disclosure, since no English translation is currently available[1.98(a)(3)].
- III. A copy of each listed publication, other than published foreign applications. For each listed publication [1.98(a)(2)]:
- (a) an English translation, if available, when the original publication is not in the English language (see PTO-1449)[1.98(a)(3)];
 - (b) a concise explanation of the listed publications (see PTO-1449), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- IV. For any other listed information, a copy of the information or that portion which caused it to be listed (see PTO-1449)[1.98(a)(2)(iii)].
- V. Each listed U.S. Patent, Publication or other information that was previously cited by or submitted to the Office in a prior application, which application is relied upon for an earlier filing date under 35 U.S.C. § 120 [1.98(d)].
- VI. Copies of each listed U.S. Patent and U.S. Patent application publication are not being submitted herewith pursuant to a waiver of 37 CFR 1.98(a)(2)(i) by the USPTO on July 11, 2003 for applications filed after June 30, 2003.

This information is submitted in the above-identified application in compliance with 37 C.F.R.1.97 because:

- 1. This information disclosure is submitted within three months of the filing date of the application, or before the mailing date of the first office action on the merits of the application [1.97(b)].
- 2. This information disclosure is submitted before the mailing date of a final action in this application under 1.113[1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

- 3. This information disclosure is submitted before the mailing date of a notice of allowance under 1.311 [1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).
- 4. This information disclosure is submitted after the mailing date of a final action under 1.113 [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- 5. This information disclosure is submitted after the mailing date of a notice of allowance under 1.311, but before the payment of the issue fee [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- 6. This information disclosure statement is submitted with the statement required for items 2, 3, 4 or 5 above [1.97(c), (d), (e)]:
- I, Shawn K. Lepo, hereby state the following:**
 - Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.**
 - No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this information disclosure was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.**
- 7. This information disclosure statement is submitted with the fee of \$180 set forth in 1.17(p) [see items 2 and 3 above]. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059. (Please note, no fee is required for items 2 and 3 above if the Item 6 statement is provided).

8. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059.

Dated: June 24, 2005

Respectfully submitted,
McNees Wallace & Nurick LLC



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Substitute for form 1449A/PTO		Complete if Known	
TRADEMAKES INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/517,546
		Filing Date	December 10, 2004
		First Named Inventor	CALLEN et al.
		Art Unit	2816
		Examiner Name	N/A
Sheet	1	of	6
		Attorney Docket Number	23003-0001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 6

Attorney Docket Number 23003-0001

U.S. PATENT DOCUMENTS

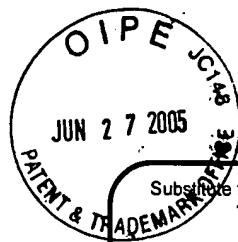
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,747,856 B1	06-08-2004	Huber et al.	
		US- 2004/0075963 A1	04-22-2004	Liu et al.	
		US- 6,720,678 B2	04-13-2004	Green et al.	
		US- 2004/0042139 A1	03-04-2004	Belverde et al.	
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		US- 6,671,144	12-30-2003	Langford et al.	
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		US- 2003/0218843 A1	11-27-2003	Tsukasaki et al.	
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		US- 2003/0160618 A1	08-28-2003	Titschert et al.	
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		US- 6,594,127 B2	07-15-2003	Takehara et al.	
		US- 6,587,324 B2	07-01-2003	Lee et al.	
		US- 2003/0117246 A1	06-26-2003	Baiatu et al.	
		US- 6,556,396 B1	04-29-2003	Takehara et al.	
		US- 2003/0076638 A1	04-24-2003	Simonelli et al.	
		US- 2003/0011950 A1	01-16-2003	Steffen	
		US- 2003/0007299 A1	01-09-2003	Schweitzer, III et al.	
		US- 2002/0180444 A1	12-05-2002	Bauer	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6 Attorney Docket Number 23003-0001

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		Number - Kind Code ² (if known)			
		US- 6,349,022 B1	02-19-2002	Myong et al.	
		US- 6,320,389 B1	11-20-2001	Tamesue et al.	
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		US- 5,818,675	10-06-1998	Lu	
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		US- 5,666,254	09-09-1997	Thomas et al.	
		US- 5,636,097	06-03-1997	Palara et al.	
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		US- 5,606,480	02-25-1997	Nevo	
		US- 5,602,044	02-11-1997	Rouy	
		US- 5,592,353	01-07-1997	Shinohara et al.	
		US- 5,587,864	12-24-1996	Gale et al.	
		US- 5,581,218	12-03-1996	Bagalini et al.	

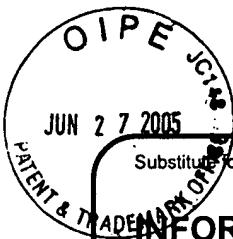
FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

<i>Complete if Known</i>	
<i>Application Number</i>	10/517,546
<i>Filing Date</i>	December 10, 2004
<i>First Named Inventor</i>	CALLEN et al.
<i>Art Unit</i>	2816
<i>Examiner Name</i>	N/A
<i>Attorney Docket Number</i>	23003-00001

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,559,657	09-24-1996	Lam	
		US- 5,539,694	07-23-1996	Rouy	
		US- 5,489,840	02-06-1996	Caron	
		US- 5,471,144	11-28-1995	Meyer	
		US- 5,467,921	11-21-1995	Shreeve et al.	
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		US- 5,430,595	07-04-1995	Wagner et al.	
		US- 5,390,066	02-14-1995	Parrier et al.	
		US- 5,381,121	01-10-1995	Peter et al.	
		US- 5,351,214	09-27-1994	Rouy	
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		US- 5,231,309	07-27-1993	Soma et al.	
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		US- 5,166,852	11-24-1992	Sano	
		US- 5,164,693	11-17-1992	Yokoyama et al.	
		US- 5,150,270	09-22-1992	Ernst et al.	

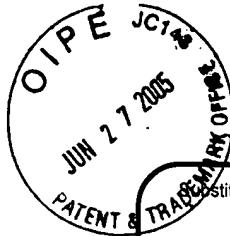
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Sheet 4 of 6 Attorney Docket Number 23003-0001

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		Number - Kind Code ² (if known)			
		US- 5,124,875	06-23-1992	Ishii et al.	
		US- 5,124,874	06-23-1992	Sakai	
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		US- 4,677,519	06-30-1987	Rodriguez et al.	
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		US- 4,597,025	06-24-1986	Rutchik et al.	
		US- 4,551,697	11-05-1985	Kussy	
		US- 4,495,538	01-22-1985	Thomas	

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Sheet 5 of 6

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		US- 4,495,536	01-22-1985	Bynum	
		US- 4,441,134	04-03-1984	Lewiner et al.	
		US- 4,426,670	01-17-1984	Ilar et al.	
		US- 4,377,832	03-22-1983	Toney et al.	
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		US- 4,242,713	12-30-1980	Lewis, Jr. et al.	
		US- 4,213,164	07-15-1980	Gaertner	
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		US- 4,044,395	08-23-1977	Eckart	
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		US- 4,028,737	06-07-1977	Bailey	
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		US- 3,988,642	10-26-1976	Hercchner	
		US- 3,931,546	01-06-1976	Jakobs et al.	
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		US- 3,916,309	10-28-1975	Foulkes et al.	
		US- 3,899,717	08-12-1975	Legatti et al.	
		US- Re. 28,490	07-22-1975	Chen et al.	

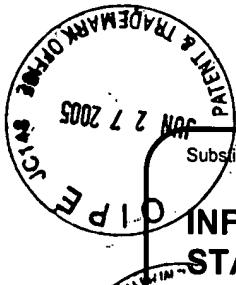
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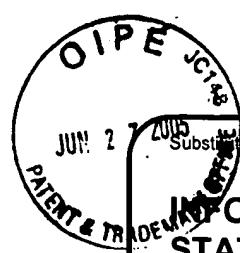
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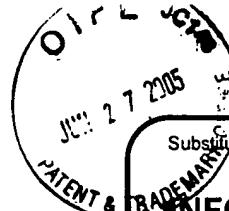
Sheet	1	of	4	Attorney Docket Number	23003-0001
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Complete if Known

Application Number	10/517,546
Filing Date	December 10, 2004
First Named Inventor	CALLEN et al.
Art Unit	2816
Examiner Name	N/A

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Application Number	10/517,546
Filing Date	December 10, 2004
First Named Inventor	CALLEN et al.
Art Unit	2816
Examiner Name	N/A

Attorney Docket Number

23003-0001

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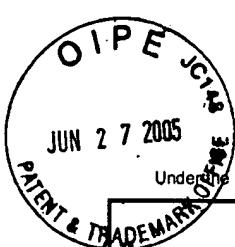
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				Application Number	10/517,546
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				Art Unit	2816
				Examiner Name	N/A
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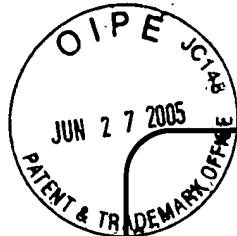
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		First Named Inventor	CALLEN et al.
		Art Unit	2816
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